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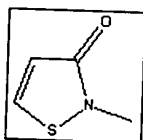
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2-Methyl-4-Isothiazolin-3-one [2682-20-4]

Synonyms: Methylisothiazolinone;
2-Methyl-2,3-dihydroisothiazol-3-one; Isothiazolone, 2-methyl-;
Methyl-3(2H)-isothiazolone; 2-Methyl-3-isothiazolone;
2-Methylisothiazol-3-one; Skycide 100;

C₄H₅NOS

115.1496



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ACX Number **X1002702-8**

Melting Point (°C)

Boiling Point (°C)

Refractive Index

Evaporation Rate

Flash Point (°C)

DOT Number

Comments

CAS RN **2682-20-4**

Density

Vapor Density

Vapor Pressure

Water Solubility

EPA Code

RTECS

More information about the chemical is available in these categories:

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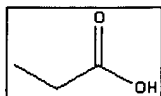
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Propionic Acid [79-09-4]

Syn nym: Carboxyethane; Tenox P Grain Preservative; Sentry Grain Preservative; hydroacrylic acid; Methylacetic acid; Ethylformic acid; Luprosil; Ethanecarboxylic acid; metacetic acid; prozoin; pseudoacetic acid; sentry grain preserver; Bugle; Propcorn; Propionic Acid (Nat. C-3 Acid);

$C_3H_6O_2$
74.0792

[View with ChemDraw Plugin](#)[BUY AT CHEMACX.COM](#)[VIEW CHEM3D MODEL](#)[Add Compound](#) [Add or Change Property](#) [Add Link](#) [Feedback](#)**ACX Number** X1001306-2**Melting Point (°C)** -21.5**Boiling Point (°C)** 140.7**Refractive Index** 1.3865**Evaporation Rate** 0.24**Flash Point** 51**DOT** UN 1848 Corrosive material**Comments** colorless liquid with a slightly sweetish odor.**CAS RN** 79-09-4**Density** 0.99336**Vapor Density** 2.56**Vapor Pressure** 2.4**Water Solubility** 37 g/100 mL**EPA****RTECS** UE5950000

More information about the chemical is available in these categories:

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Biochemistry

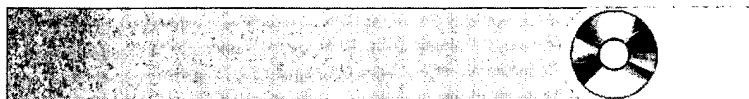
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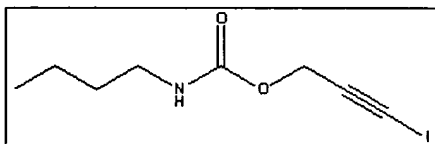
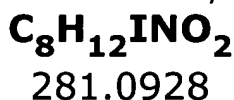
Enter a chemical name, CAS Number, molecular formula, or molecular weight

[New Search](#)Or choose: [Substructure Query with Plug-In](#) or [Structure Query with Java](#)**ChemOffice 2001**
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IPBC

Iodopropynyl Butylcarbamate [55406-53-6]

Synonyms: 3-Iodo-2-propynyl N-butylcarbamate; 3-Iodo-2-propynyl butylcarbamate; 3-Iodopropynyl butylcarbamate; ASC 67000; Iodo-2-propynyl butylcarbamate; IPBC; Permatox IBP; Troysan KK-108a; Troysan polyphase anti-mildew;

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ACX Number X1003096-9

Melting Point (°C)

Boiling Point (°C)

Refractive Index

Evaporation Rate

Flash Point (°C)

DOT Number

Comments

CAS RN 55406-53-6

Density

Vapor Density

Vapor Pressure

Water Solubility

EPA Code U375

RTECS

PC Code: 107801

- CAS REG. NO. 55406-53-6

Synonym(s):

- CARBAMIC ACID, BUTYL-, 3-iodo-2-propynyl ester
- IPBC

Trade Name(s):

- TROYSAN KK-108A
- TROYSAN POLYPHASE ANTI-MILDEW
- PERMATOX IBP
- ASC 67000

Scientific Name(s):

- IODO-2-PROPYNYL BUTYLCARBAMATE

CAS Numbers

- CAS REG. NO. 55406-53-6
- 0055406536

List all products for this chemical or, just the active products.

Output Reporting USEPA/OPP Chemical Information

Query Parameters

PC Code(s): 107801

Active Products only

58 labels match.

Select a sort method

Sort by firm number ▼

Scroll down and put a check by all the products you would like more details on.

Then press the Report button:

Report Clear

- ☐ 60061-78 (**Active**) NP-1 PLUS_SAPTAIN CONTROL CHEMICAL
- ☐ 577-543 (**Active**) CUPRINOL CLEAR WOOD PRESERVATIVE
- ☐ 6836-200 (**Active**) DANTOGARD PLUS INDUSTRIAL PRESERVATIVE
- ☐ 6836-271 (**Active**) DANTOGARD PLUS LIQUID
- ☐ 60061-93 (**Active**) DOUBLE DIAMOND SAPSTAIN CONTROL CHEMICAL
- ☐ 8177-73 (**Active**) ENTERPRISE CLEAR WOOD PRESERVATIVE
- ☐ 8177-71 (**Active**) ENTERPRISE STAIN & WOOD PRESERVATIVE
- ☐ 63836-1 (**Active**) FOSTER 40-20 FUNGICIDAL PROTECTIVE COATING
- ☐ 63836-2 (**Active**) FOSTER 40-30 FUNGICIDAL PROTECTIVE COATING

- ☐ 1022-540 (**Active**) IPBC RTU
- ☐ 72439-2 (**Active**) IPEX 1000
- ☐ 72439-1 (**Active**) IPEX 200
- ☐ 72439-3 (**Active**) IPEX 400
- ☐ 56601-2 (**Active**) MILDEW CHECK I
- ☐ 70227-5 (**Active**) MYCOSTAT-K
- ☐ 8177-72 (**Active**) NATURAL WOOD PRESERVATIVE
- ☐ 577-547 (**Active**) NO. 25 CUPRINOL CLEAR WOOD PRESERVATIVE
- ☐ 60061-27 (**Active**) NP-1 SAPSTAIN CONTROL CHEMICAL
- ☐ 60061-98 (**Active**) NP-2 SAPSTAIN CONTROL CHEMICAL
- ☐ 1258-1219 (**Active**) OMACIDE IPBC 100
- ☐ 1258-1225 (**Active**) OMACIDE IPBC 100 (MUP) INDUSTRIAL FUNGICIDE
- ☐ 1258-1222 (**Active**) OMACIDE IPBC 20 INDUSTRIAL FUNGICIDE
- ☐ 1258-1230 (**Active**) OMACIDE IPBC 30 DPG INDUSTRIAL FUNGICIDE
- ☐ 1258-1221 (**Active**) OMACIDE IPBC 30 INDUSTRIAL FUNGICIDE
- ☐ 1258-1220 (**Active**) OMACIDE IPBC 40 INDUSTRIAL FUNGICIDE
- ☐ 1258-1236 (**Active**) OMACIDE IPBC-E
- ☐ 1022-516 (**Active**) PERMATOX IPB
- ☐ 748-277 (**Active**) PILT 77 READY TO USE
- ☐ 748-292 (**Active**) PILT-NF4 CONCENTRATE

- ☐ 5383-108 (**Active**) POLYPHASE 662
- ☐ 5383-55 (**Active**) POLYPHASE ANTI-MILDEW WD-17
- ☐ 72304-7 (**Active**) PROTRAM 20
- ☐ 72304-6 (**Active**) PROTRAM 40
- ☐ 72304-5 (**Active**) PROTRAM 98
- ☐ 60061-88 (**Active**) SSCC-3359 SAP STAIN CONTROL
- ☐ 51578-1 (**Active**) T.W.P. TOTAL WOOD PRESERVATIVE - 100 CLEAR
- ☐ 577-557 (**Active**) THOMPSON'S WOOD PROTECTOR
- ☐ 5383-91 (**Active**) TROY POLYPHASE 604
- ☐ 5383-105 (**Active**) TROYSAN ALF4
- ☐ 5383-92 (**Active**) TROYSAN POLYPHASE 582
- ☐ 5383-96 (**Active**) TROYSAN POLYPHASE 587
- ☐ 5383-88 (**Active**) TROYSAN POLYPHASE 588
- ☐ 5383-89 (**Active**) TROYSAN POLYPHASE 593
- ☐ 5383-95 (**Active**) TROYSAN POLYPHASE 598
- ☐ 5383-63 (**Active**) TROYSAN POLYPHASE AF-1
- ☐ 5383-77 (**Active**) TROYSAN POLYPHASE AF-3
- ☐ 5383-50 (**Active**) TROYSAN POLYPHASE P-100
- ☐ 5383-74 (**Active**) TROYSAN POLYPHASE P-20T
- ☐ 60061-30 (**Active**) WOOD TREAT MB CONCENTRATE

- ☐ 60061-103 (**Active**) WOODLIFE 111
- ☐ 60061-91 (**Active**) WOODLIFE D CONCENTRATE
- ☐ 60061-97 (**Active**) WOODLIFE F CLEAR WOOD PRESERVATIVE
- ☐ 60061-100 (**Active**) WOODLIFE F-4WT
- ☐ 60061-105 (**Active**) WOODLIFE II STAIN AND WOOD PRESERVATIVE
- ☐ 60061-90 (**Active**) WOODLIFE L WATER BASED 5-1 CONCENTRATE
- ☐ 60061-89 (**Active**) WOODLIFE MILLTREAT TYPE F VM & P
- ☐ 60061-96 (**Active**) WOODLIFE WATERBASED 4-1 CONCENTRATE
- ☐ 60061-28 (**Active**) WOODTREAT MB READY TO USE WATER
REPELLENT WOOD PRESERVATIVE

FOR INDUSTRIAL USE ONLY

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DILUTE BEFORE USING

Wear synthetic gloves or plastic coated gloves in handling solutions and freshly treated lumber.

For the best results lumber should be treated immediately after it is sawn. A delay in treatment of 24 hours or more permits stain, mold and decay growth to start which requires a heavier treatment to achieve control of surface growth. Delayed application and log borne infection result in internal stain often under a bright surface.

Freshly dipped or sprayed lumber should be protected from rain washing. Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of the anti-stain solution. Anti-stain treatment concentrations must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of the ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment must be properly maintained.

MIXING INSTRUCTIONS — Mix one gallon of this product per 20 to 200 gallons of water to protect against sapstaining organisms during protracted storage periods. Lumber and logs should be totally immersed or sprayed so as to ensure all surfaces are treated. Put about 1/3 of the water to be used in the mixing tank. Add the correct amount of this product and rinse container into the tank. Add the balance of water needed and mix thoroughly in a dipping process. The agitation resulting from the movement of the wood will be sufficient to ensure a good mix. On standing unused for a period, re-mix thoroughly before use. When using proportioning pumps for mixing, this product should be maintained at temperatures higher than 50° F to prevent inaccurate mixing due to viscosity changes. Minor proportioning rate changes can be affected by changing the setting on the pump dial.

NOTE: With normal dip or spray application long term control of decay cannot be achieved. This product is intended to provide decay, mold and blue stain control during storage. Such control would not likely extend to the use site.

STORAGE AND DISPOSAL

STORAGE: Store in a closed, properly labeled container in a cool place. If static generating conditions exist, provide necessary grounding and bonding. Keep containers closed when not in use.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed, by state and local authorities, by burning. If burned, stay out of smoke.

KOP-COAT

NP-1® Plus Sapstain Control Chemical

U.S. Patent No. 4,950,685 and Foreign Patents

ACTIVE INGREDIENTS

Didecyl Dimethyl Ammonium Chloride	64.34%
3-Iodo-2-Propynyl Butyl Carbamate.....	7.55%
5-Chloro-2-Methyl-4-Isothiazolin-3-One	0.06%
2-Methyl-4-Isothiazolin-3-One	0.02%
INERT INGREDIENTS	28.03%
TOTAL	100.00%

Aids in the control of blue stain, mold and decay of freshly cut lumber when properly used. Effective on softwoods including Douglas fir, White fir, Spruce, Hemlock, the Pines including both the Southern and Western Yellow Pines; Eastern and Western White Pines and many of the hardwoods.

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for first-aid and additional precautionary statements.

READ "LIMIT OF WARRANTY AND LIABILITY" BEFORE BUYING OR USING. IF SUCH TERMS ARE NOT ACCEPTABLE, RETURN AT ONCE UNOPENED.

EPA Reg. No. 80061-78
EPA Est. 60061-MO-1

LIMIT OF WARRANTY AND LIABILITY

We warrant this material to comply with our published specifications and to be of good merchantable quality and such as will regularly pass in the trade for goods within the description, and further warrant such goods to be fit for the normal purposes for which goods are used. We assume no responsibility that the goods concerned in this contract are fit for any particular purpose for which they are being bought outside of the general purposes of goods of the description.

Kop-Coat, Inc.

Protection Products Division

5137 Southwest Avenue, St. Louis, MO 63110

314/772-2200

NET CONTENTS

U.S. GALLONS

PRECAUTIONARY HAZARDS

CORROSIVE.
AND SKIN BURN
OR INHALED.

Do not get into eyes
or spray mist. Wear
or pesticide respirator
with soap and water
using tobacco. R
rausa. Prolonged
allergic reactions in

STATEMENTS

If in Eyes:

If on Skin:

If Swallowed:

If Inhaled:

Note to Physician:

ENVIRONMENTAL

This product is toxic
body of water. Do not
ment washwaters.

This product is toxic
other wood wastes
come in contact with
it will come in contact
to prevent drip or spray
grass and other debris.

Vapors may cause
not use this product
the vapors may con
plant or animal life.

PHYSICAL OR CHEMICAL
use, pour, spill or spray

IN CASE OF FIRE: Use
closed containers will

For Product Label



NP-1® Plus Control Chemical

U.S. No. 4,950,685 and Foreign Patents

INGREDIENTS

Diethyl Ammonium Chloride	64.34%
Diethyl Butyl Carbamate	7.55%
Methyl-4-Isothiazolin-3-One	0.06%
Isothiazolin-3-One	0.02%
Other Ingredients	28.03%
TOTAL	100.00%

Use on and decay of freshly cut lumber when properly used. Effective on white fir, Spruce, Hemlock, the Pines including both the Southern and Western White Pines and many of the hardwoods.

OUT OF REACH OF CHILDREN

DANGER

Read first-aid and additional precautionary statements.

"WARRANTY AND LIABILITY" BEFORE BUYING OR USING. IF NOT SATISFACTORY, RETURN AT ONCE UNOPENED.

WARRANTY AND LIABILITY

Notwithstanding to whom sold, with our published specifications and to be of good merchantable quality as in the trade for goods within the description, and further warrant that the goods are fit for any particular purpose for which they are being bought out of the description.

Kop-Coat, Inc.
Chemical Products Division
1001 West Avenue, St. Louis, MO 63110
314/772-2200

U.S. GALLONS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF SWALLOWED OR INHALED.

Do not get into eyes, on skin, or clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield, or safety glasses. Wear dust or pesticide respirator approved by MSHA or OSHA. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged and frequent repeated skin contact may cause allergic reactions in some individuals.

STATEMENTS OF PRACTICAL TREATMENT:

- If in Eyes:** Hold eyelids open and flush with a steady gentle stream of water for 15 minutes.
- If on Skin:** Wash promptly with plenty of soap and water. Get medical attention.
- If Swallowed:** Call physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

This product is toxic to domestic animals. Treated sawdust and other wood wastes should be disposed of properly and should not come in contact with domestic animals or be used as mulch where it will come in contact with useful living plants. Care should be taken to prevent drip or spray from contacting ornamental shrubs, trees, grass and other desirable vegetation.

Vapors may cause injury if adequate ventilation is not insured. Do not use this product indoors, or in any other confined areas where the vapors may concentrate or migrate indoors and cause injury to plant or animal life.

PHYSICAL OR CHEMICAL HAZARDS; COMBUSTIBLE. DO NOT use, pour, spill or store near heat or open flame.

IN CASE OF FIRE: Use dry chemicals, foam, water fog or CO₂. Cool closed containers with water.

For Product Emergencies: 1-800-543-0489

ACCEPTED

MAY -2 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 60061-78